

LQH44NN221K03#

Note: This datasheet may be out of date. Please download the latest datasheet of LQH44NN221K03# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partno=LQH44NN221K03%23

"#"at the end indicates the package specification code.

Size Code 4040 (1515) in mm (in inch), General use



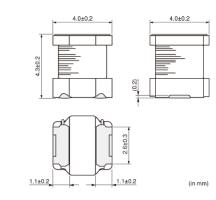
< List of part numbers with package codes > LQH44NN221K03K LQH44NN221K03L



Applications

Unsuitable	Please be sure to read and comply with	
Applications	these "Precautions for use."	
	Consumer equipment,Medical	
	equipment [GHTF A/B/C] except for	
	implant & surgery & auto injector,	
	Industrial equipment except for	
	transportation & facility & energy	
	equipment	
Specific	Please refer to Our Website and	
Applications	specifications, etc. for information about	
	the performance, functions, quality,	
	management, and safety required for	
	the above applications, and use	
	Products after confirming the	
	performance and reliability of the actual	
	Product.	
Recommended	Consumer equipment	
Applications		







Notices

When rated current is applied to the products, inductance will be within ±30% of initial inductance value. When rated current is applied to the products, the temperature rise caused by selfgenerated heat shall be limited to 40°C max.

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Attention

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without advance notice. Please check with our sales representatives or product engineers before ordering.

2. This datasheet has only typical specifications because there is no space for detailed specifications.





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References

Packaging	Specifications	Standard Packing Quantity
к	330Embossed Tape	1500
L	180Embossed Tape	250

Mass (typ.)	
1 piece	0.26g

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Specifications

L size	4.0±0.2mm
W size	4.0±0.2mm
T size	4.3±0.2mm
Size code inch (mm)	1515 (4040)
Inductance	220µH±10%
Inductance Test Frequency	1kHz
Rated current (Itemp) (Based on Temperature rise)	0.21A
Max. of DC resistance	1.56Ω
DC resistance	1.20Ω±30%
Operating Temperature Range (Self-temperature rise is included)	-40°C to 125°C
Operating Temperature Range(Self-temperature rise is not included)	-40°C to 85°C
Class of magnetic shield	Non-Shielded
Self resonance frequency (min.)	3.9MHz
Brand	Murata
Series	LQH44NN_03

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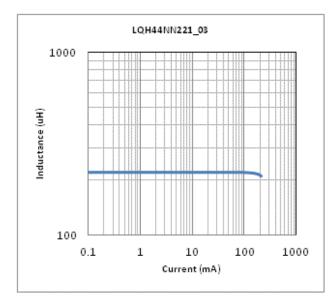
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Characteristic Data

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Impedance - Current Characteristics

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